

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEAN-FRANCIS PINTOS	02/03/2005
OLIVIER MOCQUARD	02/03/2005
JEAN-LUC ROBERT	02/03/2005
FRANEK THUDOR	02/03/2005
CORINNE NICOLOAS	02/03/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THOMSON LICENSING S.A.
<b>Street Address:</b>	46 QUAI ALPHONSE LE GALLO
<b>City:</b>	BOULOGNE BILLANCOURT
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-92100
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7479929
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(609)919-0143
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	609-734-6817
<b>Email:</b>	donna.foligno@technicolor.com
<b>Correspondent Name:</b>	BRIAN J. DORINI, THOMSON LICENSING LLC
<b>Address Line 1:</b>	4 RESEARCH WAY
<b>Address Line 4:</b>	PRINCETON, NEW JERSEY 08540
<b>ATTORNEY DOCKET NUMBER:</b>	PF020098-US
<b>NAME OF SUBMITTER:</b>	PATRICIA A. VERLANGIERI
<b>SIGNATURE:</b>	/Patricia A. Verlangieri, Reg.No. 42201/
<b>DATE SIGNED:</b>	10/22/2017
<b>Total Attachments: 3</b>	
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS, Jean-François PINTOS, 16, Allée des Fresnes, F-35230 BOURGBARRE, France, Olivier MOCQUARD, 12, Rue Hoche, F-35000 RENNES, France; Jean-Luc ROBERT, 2 Rue Paul Gauguin, F-35830 BETTON, France; Franck THUDOR, 28, Rue François-Charles Oberthur, F-35000 RENNES, France; Corinne NICOLAS, 6 Allée Chêne aux Dames, F-35520 LA CHAPELLE DES FOUGERETZ, FRANCE; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

**BROADBAND ANTENNA AND PROCESSES FOR MANUFACTURING SUCH AN ANTENNA**

for which said assignor has caused an application for United States Letters Patent to be prepared,

- ( ) the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- (xx) said application having been filed in the United States Patent and Trademark Office on July 21, 2003 Serial Number PCT/EP03/50325 ;

AND WHEREAS

THOMSON LICENSING S.A.  
46 quai Alphonse Le Gallo  
F-92100 Boulogne Billancourt  
FRANCE

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;


NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 3 day of Feb., 2005

WITNESSES:

Signature: 


Name: Baron François  
Address: 3, rue Marie de Kerstrait  
35235 Thougné - Fmiffard

Signature: 

Name: Philippe GILBERTON  
Address: 41, Avenue des Mallettes  
35130 CHATELAIN

EXECUTED, this 3 day of Feb, 2005

ASSIGNOR:

Signature: 

Name: Jean-François PINTOS

WITNESSES:

Signature: 

Name: JEANNE Ludovic  
Address: 41, Avenue des Mallettes  
35200 RENNES

ASSIGNOR:

Signature: 

Name: Olivier MOSQUARD

Signature: 

Name: DENIS Bernard  
Address: La Fiolais  
35580 ST SELOUX


EXECUTED, this 3 day of Feb, 2005

WITNESSES:

Signature: 

Name: LE NAOUR Jean-Luc  
Address: 4, RUE DES BADIERS  
35940 PACÉ ... FRANCE

ASSIGNOR:

Signature: 

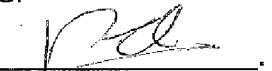
Name: Jean-Luc ROBERT

Signature: 

Name: MINARD Philippe  
Address: La Tremblaye  
35250 St-Helard en Ile-FRANCE

EXECUTED, this 3 day of Feb, 2005

WITNESSES:

Signature: 

Name: THOMAS Nathali  
Address: 1 rue du Blon  
F-35135 Chanteloup

ASSIGNOR:

Signature: 

Name: Franek THUDOR

PATENT

REEL: 043918 FRAME: 0669

Signature: [Signature]

Name: PERROT  
Address: 37 rue LAFOND  
35700 RENNES

EXECUTED, this 3 day of Feb, 2005

WITNESSES:

Signature: [Signature]

Name: LE BOLZER  
Address: 11 rue Madame du CAMPFRANC  
35000 Rennes  
FRANCE

Signature: [Signature]

Name: GUGUEN Chérline  
Address: 155 Bd F Aude G - Leclerc  
35700 RENNES

ASSIGNOR:

Signature: [Signature]

Name: Corinne NICOLAS